

IN THE CLAIMS

1. (Previously presented) A structure of an AC inlet, comprising a main body, at least one power terminal for accepting an electrical signal from an AC power source, at least one power pin coupled with said at least one power terminal and electrically connected to a circuit board, a ground terminal for accepting a ground signal from said AC power source, and a ground pin grounded through a wire and having a first strip coupled with said ground terminal and a second strip essentially parallel with a surface of said main body, characterized in that:

the free end of said second strip has a notch for accommodating a bare wire end of said wire and a projecting plate inclined at an elevation angle with said second strip, said projecting plate is pressed downwards for fastening said bare wire end, and the width of said projecting plate is slightly less than that of said notch.

2. (Previously presented) The structure according to claim 1 wherein said elevation angle is from 20 to 50 degrees.

3. (Previously presented) The structure according to claim 2 wherein said elevation angle is from 30 to 45 degrees.

4.-7. (Cancelled)

8. (Previously presented) AC connection apparatus, comprising:

a main body;

at least one power terminal for accepting an electrical signal from an AC power source;

at least one conductor coupled with said at least one power terminal and electrically connected to a circuit board;

a ground terminal for accepting a ground signal from said AC power source; and

a ground conductor grounded through a wire and having a first conductive element coupled with said ground terminal and a second conductive element disposed proximate to said main body;

wherein the free end of said second conductive element has an aperture for accommodating a bare end of said wire and a projecting plate inclined at an elevation angle with said second conductive element, said projecting plate adapted for fastening said bare end, said projecting plate having a width slightly less than that of said aperture.